

Abstract:

Introduction: Changing the training pattern, providing students with a new insight, encouraging their participation in the field of self-education, and implementing the best methods in achieving these goals have been considered as essential objectives in all areas of dental training. Evaluation is considered as one of the most efficient methods of assessing the quality of education. There are several tools for evaluating the achievement of educational goals. One of these tools is logbook.

Objective: The aim of this study was to evaluate the logbook designed in the operative dentistry department from the students' point of view.

Methods: In this cross-sectional descriptive study, 60 dental students included the study in the academic year of 2019. Information was collected through a researcher-made questionnaire in three sections: demographic data, logbook evaluation questions, and an open-ended question about suggestions. The validity of the questionnaire was confirmed by faculty members. The reliability of the questionnaire was confirmed by Cronbach's alpha test with a coefficient of 0.8. Data analysis was performed using descriptive and analytical statistics.

Results: The mean overall evaluation score of Logbook was 28.98 ± 5.77 . 71.7% of students mentioned that the effect of logbook on their knowledge about the evaluation method was high and very high. Regarding the necessity of using logbook, 51.7% of students choose high and very high necessity. Using Pearson correlation test, there was a significant and positive relationship between the students' final score of semester and their opinion about the Logbook evaluation. There was also a relationship between the logbook evaluation score and the experience of not using the logbook in the education period.

Conclusion: Based on the findings, in general, students' views on the use of logbook were moderate, and since logbook should meet the educational needs of all students, it is necessary to redesign its content.

Keywords: Logbook, Assessment, Student